



ABSTRACT

A location tracking system for building a geographic location database of network nodes in a computer network includes a trace engine module configured to send trace Id commands to a plurality of user terminals. The user terminals are actively coupled to a server node so that the trace engine module is able to obtain IP address of each of the user terminals and its corresponding geographic location. A first database is configured to store IP addresses obtained by the trace engine module and their corresponding geographical locations. A second database is configured to store a set of physical connections between IP addresses obtained by the trace engine module. The system can then determine the geographical location of end user terminals who employ the database as previously populated.